

Appl. No. 10/809,003  
Amdt. sent April 28, 2006  
Amendment under 37 CFR 1.116 Expedited Procedure  
Examining Group 2851

PATENT

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-20 (canceled).

1                   21.     (Previously presented): A projection type image display device  
2 comprising:  
3                   an illumination unit;  
4                   a light splitting unit which divides illumination light emitted from the illumination  
5 unit into plural color components;  
6                   plural light valves each of which modulates one of the split light rays of the plural  
7 color components;  
8                   a synthesizing unit which synthesizes the modulated light rays output from the  
9 plural light valves;  
10                  a projection unit which projects the resulting synthesized modulated light; and  
11                  plural support holders formed of a heat-melting polymer material, each of the  
12 support holders fixing one of the plural light valves and the synthesizing unit by heat-fusion of  
13 the polymer material.

1                   22.     (Previously presented): The projection type image display device  
2 according to claim 21, wherein the plural support holders are formed by integral injection  
3 molding of a polymer material fixed to the synthesizing unit.

1                   23.     (Previously presented): The projection type image display device  
2 according to claim 21, wherein each of the plural light valves is fused to a corresponding one of  
3 the plural support holders by using at least two surfaces thereof comprising a tapered portion and  
4 a straight portion.

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1           24.   (Previously presented): The projection type image display device  
2 according to claim 21, wherein when each of the plural light valves is fixed to the corresponding  
3 one of the plural support holders, the position of each of the plural light valves is adjusted.

1           25.   (Previously presented): The projection type image display device  
2 according to claim 21, wherein each of the plural support holders includes a groove for fixing a  
3 polarizing plate.

1           26.   (Previously presented): A projection type image display device  
2 comprising:  
3               an illumination unit;  
4               a light splitting unit which divides illumination light emitted from the illumination  
5 unit into plural color components;  
6               plural light valves each of which modulates one of the plural color components;  
7               a synthesizing unit which synthesizes the modulated light rays output from the  
8 plural light valves, each unit including a upper surface and a lower surface;  
9               a projection unit which projects the resulting synthesized modulated light; and  
10              plural support holders formed of a heat-melting polymer material, each of the  
11 support holders fixing one of the plural light valves and the synthesizing unit by heat-fusion of  
12 the heat-melting polymer material;  
13              wherein each of the support holders is fixed to the upper surface and the lower  
14 surface of the synthesizing unit.

1           27.   (Previously presented): The projection type image display device  
2 according to claim 26, wherein the plural support holders are formed by integral injection  
3 molding of a polymer material fixed to the synthesizing unit.

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1                   28.     (Previously presented): The projection type image display device  
2     according to claim 26, wherein each of the plural light valves is fused to a corresponding one of  
3     the plural support holders using at least two surfaces thereof which include a tapered portion and  
4     a straight portion.

1                   29.     (Previously presented): The projection type image display device  
2     according to claim 26, wherein when each of the plural light valves is fixed to a corresponding  
3     one of the plural support holders, the positions of each of the plural light valves is adjusted with  
4     respect to each other.

1                   30.     (Previously presented): The projection type image display device  
2     according to claim 26, wherein each of the plural light valves is fixed by fusion to a  
3     corresponding one of the plural support holders after adjusting the position of the plural light  
4     valves.

31.     (Canceled)

1                   32.     (Previously presented): The projection type image display device  
2     according to claim 26, wherein each of the plural light valves is fused to a corresponding one of  
3     the plural support holders by using at least two surfaces thereof comprising a tapered portion and  
4     a straight portion.

1                   33.     (Previously presented): The projection type image display device  
2     according to claim 26, wherein when each of the plural light valves is fixed to a corresponding  
3     one of the plural support holders, the position of each of the plural light valves is adjusted at the  
4     time of fixing one of the plural support holders and the synthesizing unit to each other.

1                   34.     (Previously presented): The projection type image display device  
2     according to claim 26, wherein each of the plural support holders includes a groove for fixing a  
3     polarizing plate.

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1                   35.     (Previously presented): The projection type image display device  
2     according to claim 26, wherein the modulated light rays are not transmitted through the upper  
3     surface and the lower surface of the synthesizing unit.

1                   36.     (Previously presented): A projection type image display device  
2     comprising:  
3                   an illumination unit;  
4                   a light-splitting unit which divides illumination light emitted from the  
5     illumination unit into plural color components;  
6                   plural light valves each of which modulates the plural color components;  
7                   a synthesizing unit which synthesizes the modulated light rays output from the  
8     plural light valves;  
9                   a projection unit which projects and displays the resulting synthesized modulated  
10    light; and  
11                  plural support holders formed of a heat-melting polymer material, each of which  
12    fixes one of the plural light valves and the synthesizing unit to each other;  
13                  wherein a melting point of the material of a profile portion of each of the plural  
14    light valves and that of the material of a mounting portion of each of the plural support holders  
15    are at least 40 degrees apart from each other.

1                   37.     (Previously presented): The projection type image display device  
2     according to claim 36, wherein each of the plural support holders includes a groove for fixing a  
3     polarizing plate.

1                   38.     (Previously presented): The projection type image display device  
2     according to claim 36, wherein the plural support holders are formed by integral injection  
3     molding of a polymer material fixed to the synthesizing unit.

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1                   39.   (Previously presented): The projection type image display device  
2   according to claim 36, wherein when each of the plural light valves is fixed to corresponding one  
3   of the plural support holders, the position of each of the plural light valves is adjusted at the time  
4   of fixing one of the plural support holders and the synthesizing unit to each other.

1                   40.   (Previously presented): The projection type image display device  
2   according to claim 36, wherein each of the plural support holders is formed of a heat-melting  
3   polymer material.

1                   41.   (Previously presented): The projection type image display device  
2   according to claim 36, wherein each of the plural support holders is fixed to the upper surface  
3   and the lower surface of the synthesizing unit.